

IN THE SPECIFICATION

Please replace paragraph [0095] of the specification with the paragraph as follows:

If the radiation attenuator is to be used in an evacuated system, it is desirable for the gas injected through the jets 732 to be confined as much as possible within the attenuator itself. This can be achieved by using a speed of gas ejection from the jets 732 that is larger than the speed of sound, and preferably 10 times the speed of sound. These speeds minimize the divergence of the gas as it flows from jet 732 to orifice 734, and is best achieved with inert gasses like xenon (Xe), nitrogen (N) [[en]] and argon (Ar).